

FIG. 1

FIG. 2

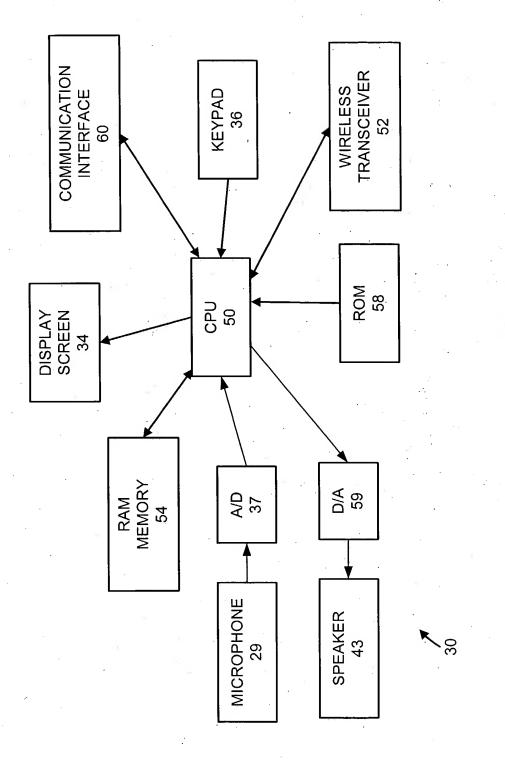
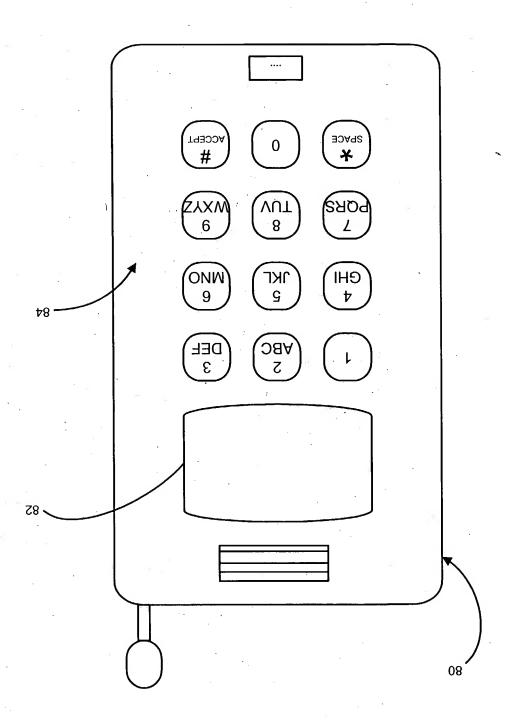


FIG. 3

FIG. 4



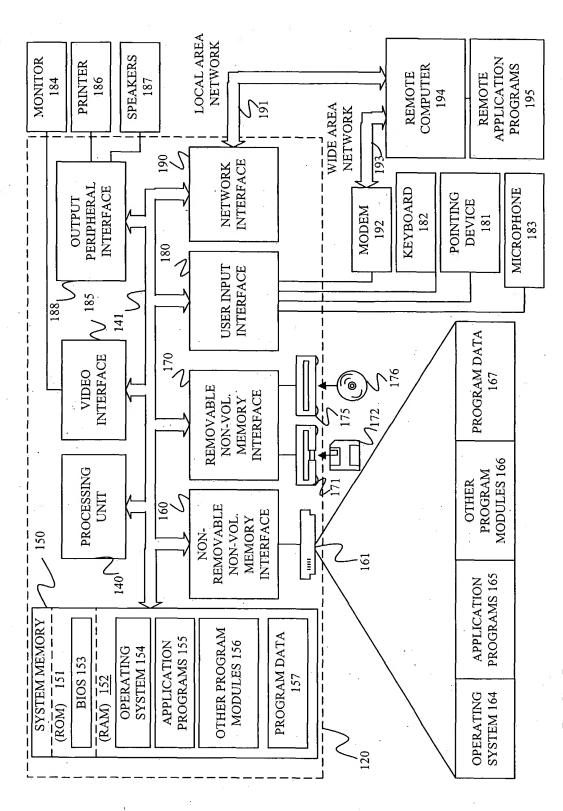


FIG.

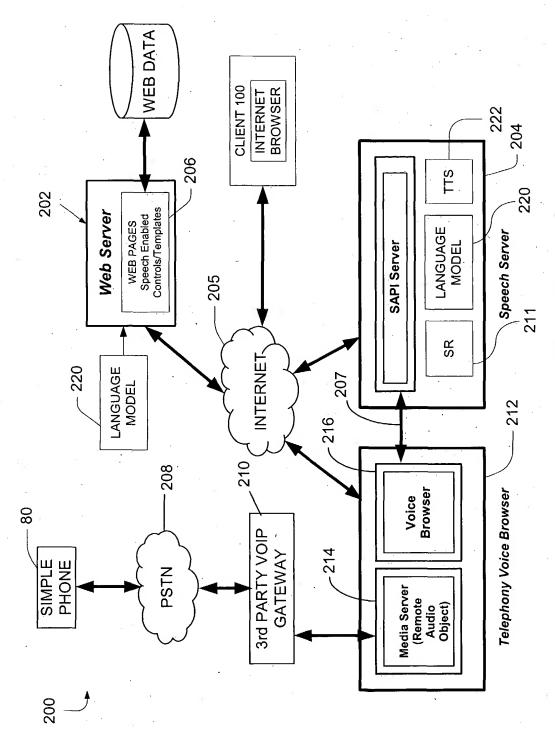


FIG. 6

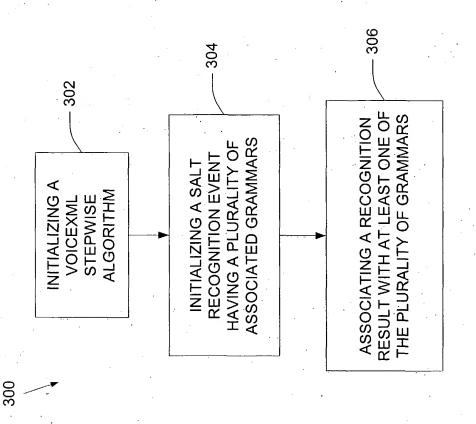


FIG. 7

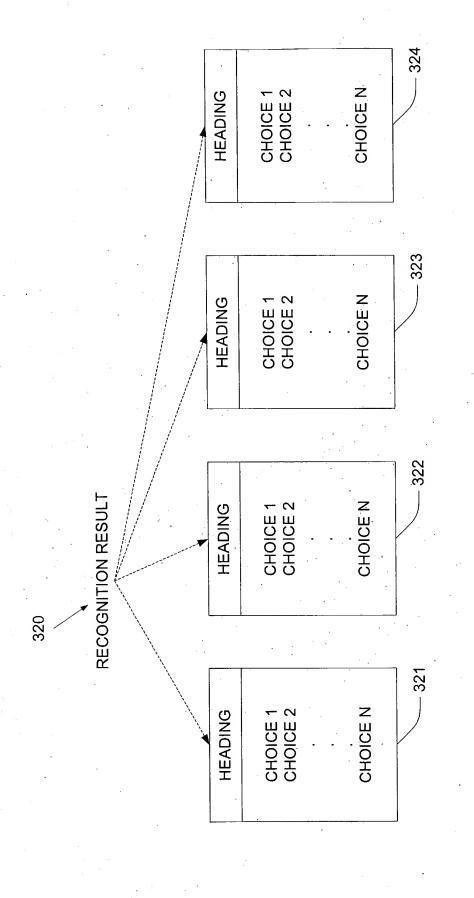


FIG. 8

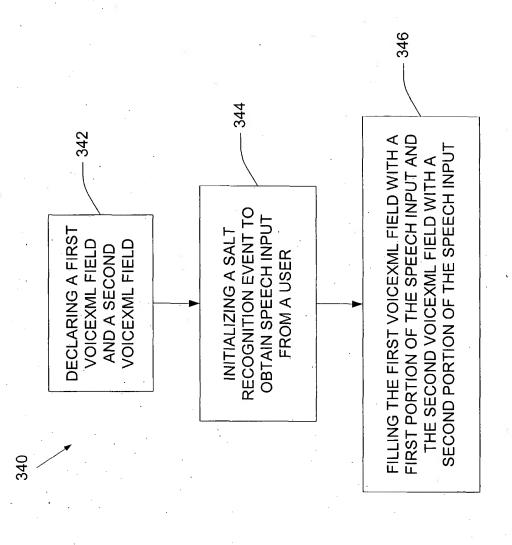


FIG. 9

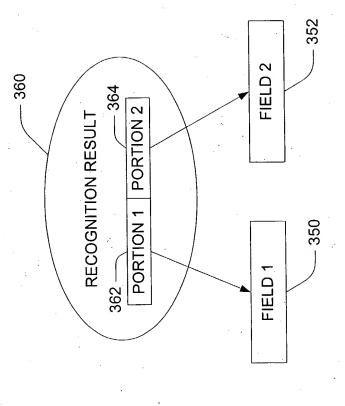


FIG. 10

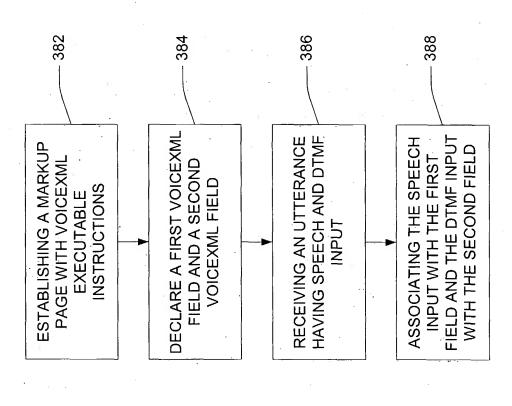


FIG. 11

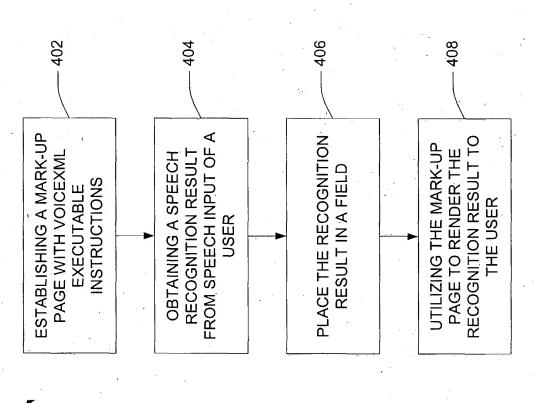


FIG. 12

FIG. 13

FROM THE MESSAGING

EVENT TO THE USER

RENDERING A RESULT

```
450
      <v:vxml xmlns:v="http://www.voicexmlforum.org/2001/VoiceXML"
                                                                         452
              xmlns:s="http://www.saltforum.org/2002/SALT">
       <v:form> → 454
         <v:assign name="answer" value=""/>
                                                                           460
         <v:field name="city"> 458
         <v:prompt>Please say the city you want to search for zip code</v:prompt>
462 -
      <s:listen>
             <s:grammar src="city.grxml"/> 464
             <s: grammar src="state.grxml"/> 465
          </s:listen>
          </v:field>
                                                                        468
          <v:field name="state"> 466
          <v:prompt>Please say the state you want to search for zip code</v:prompt>
470 -
       <s:listen>
             <s:grammar src="city.grxml"/> 472
             <s: grammar src="state.grxml"/> 474
          </s:listen>
          </v:field>
         <v:filled> 476
             <s:prompt>Please wait while I connect to the Web service</s:prompt>
             <s:smex> ◄── 474
   480 — ► <s:param name="server">http://acme.org/zipcode.asmx</s:param>
            <s:param name="envelop">
                     <s:value targetElement="city"/>
                     <s:value targetElement="state"/>
              <s:bind targetElement="answer" value="//zipcode" /> ^
             </s:smex>
             <s:prompt>The zip code for <s:value targetElement="city"/> <s:value
             targetElement="city"/> is <s:value targetElement="answer"/></s:prompt>
          </v:filled>
         </v:field>
       </v:form>
      </v:vxml>
```

FIG. 14